



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Marilyn E. Shade et al.  
Assignee: Adobe Systems, Inc.  
Title: "Text Composition Spacing Amount Setting Device With Icon Indicators"  
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Redwood City, California  
December 20, 2001

Attn: Official Draftsperson  
COMMISSIONER FOR PATENTS  
Washington, D. C. 20231

**SUBMISSION OF FORMAL DRAWINGS**

Dear Sir:


Applicant submits (14) sheets of formal drawings, Fig. 1, Fig. 2, Fig. 3, Fig. 4, Fig. 5, Fig. 6, Fig. 7, Fig. 8A, Fig. 8B, Fig. 9, Fig. 10A, Fig. 10B, Fig. 11, Fig. 12, Fig. 13A and Fig. 13B, in the present application. If there are any questions regarding these drawings, please call the undersigned at (650) 839-5070.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on December 20, 2001.

  
Signature

12-20-01  
Date of Signature

Respectfully submitted

  
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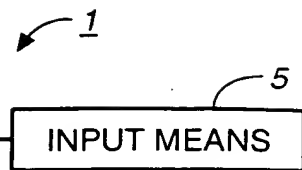
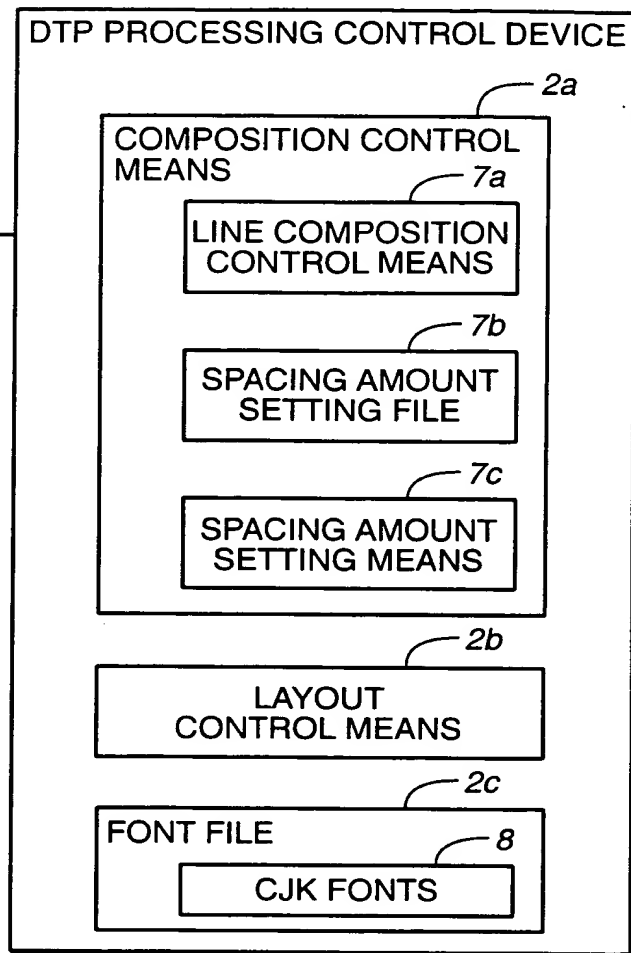
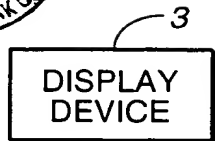


FIG. 1

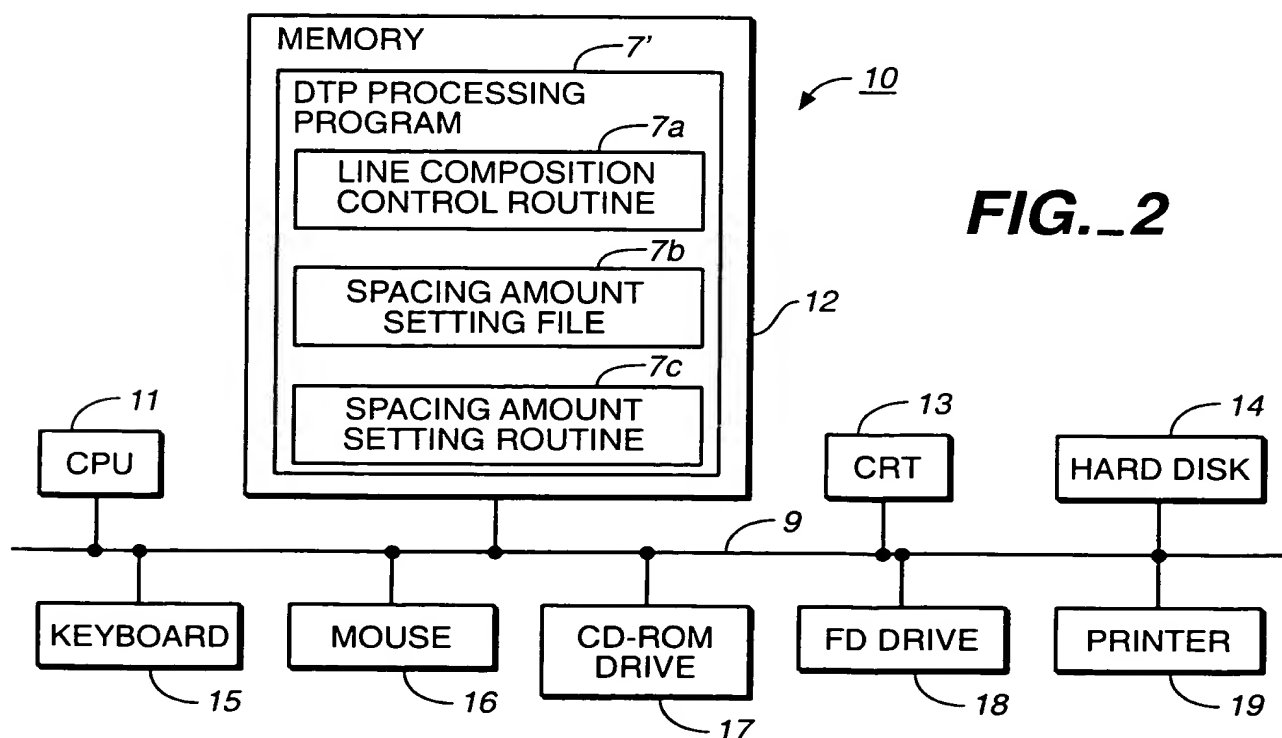


FIG. 2

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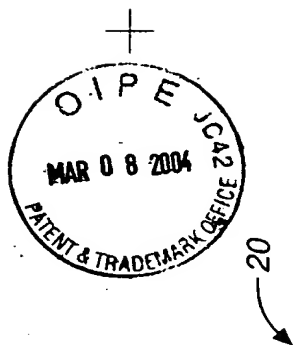
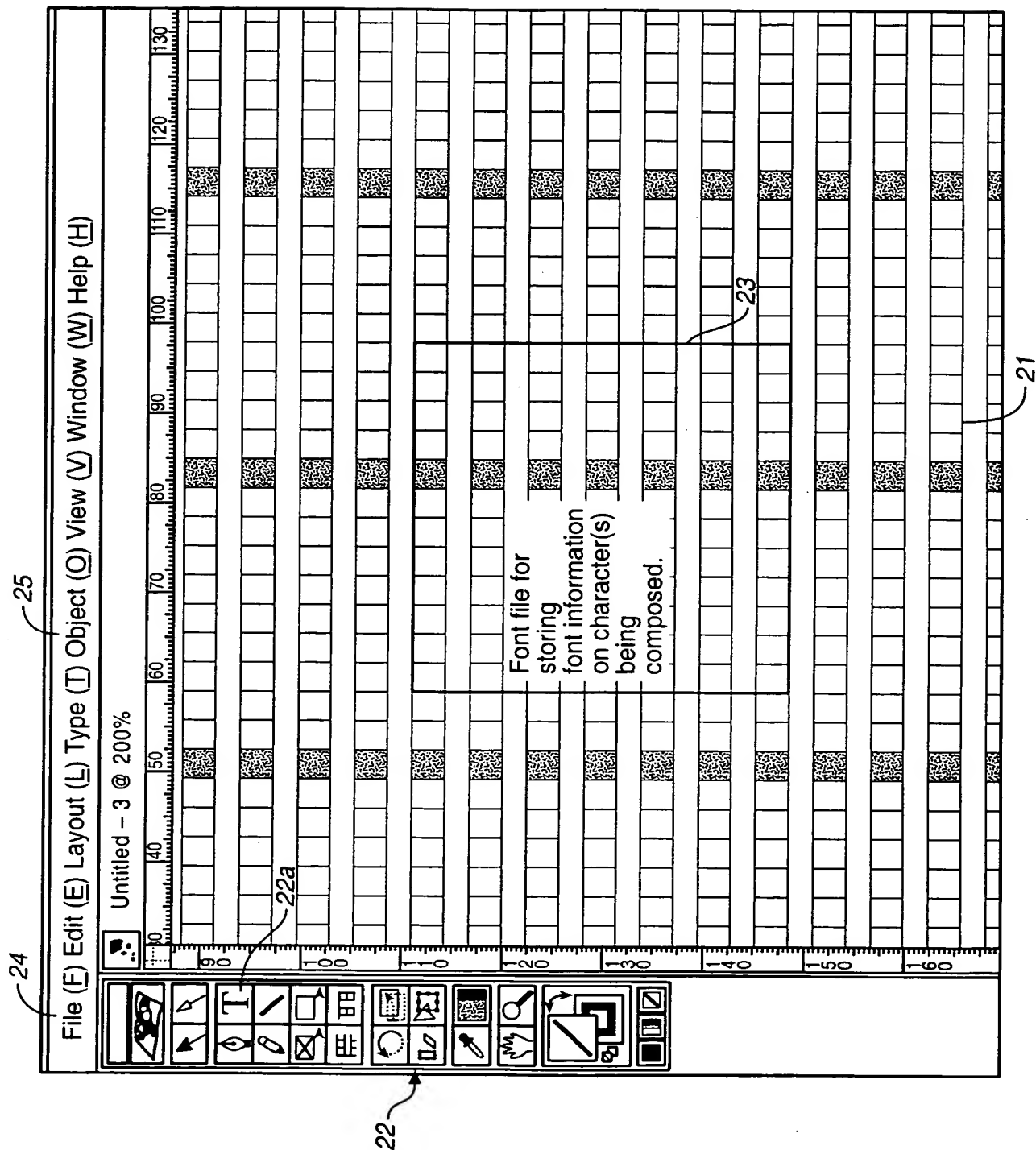
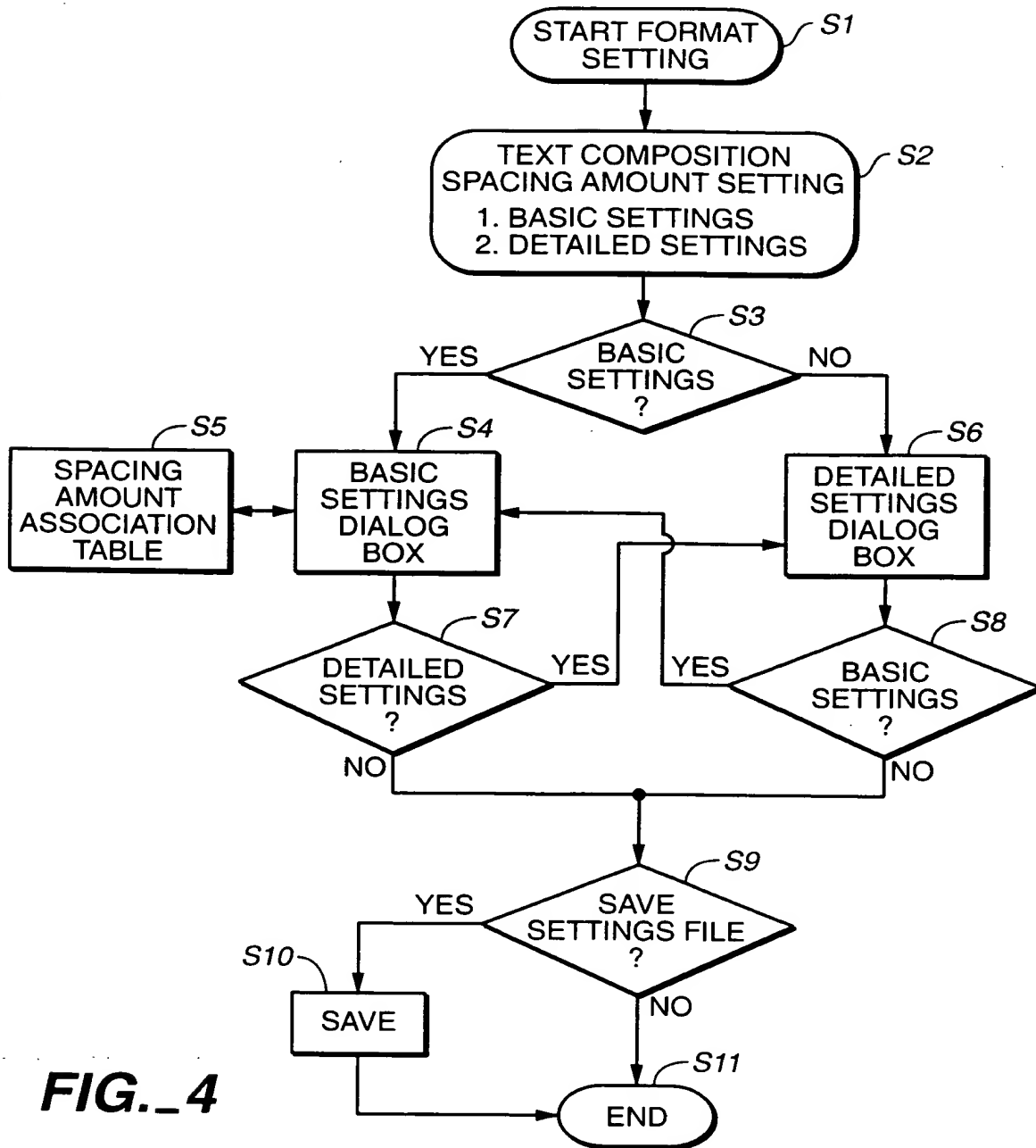


FIG. 3



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**FIG.\_4**



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FIG. 5

Character Spacing Settings

Character Composition

Punctuation full-width

%

OK

Cancel

New

Save

Delete

Advanced Settings

Line End

→ Line End: 50%

→ Line End: 50%

→ Line End: 50%

→ Line End: 25%

Ending Parentheses

Periods

Commas

Dots

Line Head

→ Paragraph Head 50%

→ Paragraph Head 0%

→ Line Head 50%

Starting Parentheses: 50%

→ Glyphs: 0%

Starting Parentheses: 50%

Within Line

→ Glyphs 50%

→ Ending Parentheses 50%

→ Ending Parentheses 50%

→ Periods 50%

→ Periods 50%

→ Commas 50%

→ Commas 50%

Before and after conjunctive dots: 25%

Glyphs before and after Western/English alphanumeric characters: 25%



Character Spacing Settings

Character Composition

Punctuation full-width

%

Line End

☒ Ending Parentheses

☐ Periods

☐ Commas

☐ Dots

→ Line End:

→ Line End:

→ Line End:

→ Line End:

0%

0%

0%

0%

0%

0%

0%

0%

Line Head

☒ Paragraph Head

☒ Paragraph Head

☐ Line Head

Starting Parentheses:

→ Glyphs:

Starting Parentheses:

0%

0%

0%

0%

0%

0%

Within Line

☒ Glyphs

☒ Ending Parentheses

☒ Ending Parentheses

☒ Periods

☒ Periods

☒ Commas

☒ Commas

Starting Parentheses:

→ Glyphs:

Starting Parentheses:

Starting Parentheses:

Starting Parentheses:

→ Glyphs:

Starting Parentheses:

→ Glyphs:

50%

50%

50%

50%

50%

50%

50%

50%

0%

0%

0%

0%

0%

0%

0%

12.5%

Before and after conjunctive dots:

Glyphs before and after Western/English alphanumeric characters:

25%

25%

0%

0%

25%

50%

OK

Cancel

New

Save

Delete

Advanced Settings

FIG. 6



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FIG. 7

Character Spacing Settings

Character Composition: 

Line end punctuation half-width

Previous character class

Starting parenthesis type

OK

Cancel

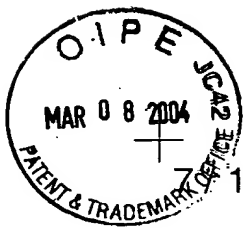
New

Save

Delete

Advanced Settings

Types	Ending Character Class	Desired	Minimum	Maximum	Priority
	Starting Parentheses:	0%	0%	0%	None
	Ending Parentheses:	0%	0%	0%	3
	Line Head Japanese word-wrapping:	0%	0%	0%	None
	Ending Punctuation Marks:	0%	0%	0%	None
	Conjunctive Dots:	25%	0%	25%	1
	Commas:	0%	0%	0%	None
	Period:	0%	0%	0%	2
	Ellipses:	0%	0%	100%	None
	Previous Abbreviated Symbols:	0%	0%	100%	None
	Subsequent Abbreviated Symbols:	0%	0%	100%	None
	Ideographic Spaces:	0%	0%	0%	None
	Hiragana:	0%	0%	100%	None
	Other Ideographs:	0%	0%	100%	None
	Full-width Digits:	0%	0%	100%	None
	Half-width Digits:	0%	0%	0%	4
	Western Alphabet:	0%	0%	0%	4
	Line End:	0%	0%	0%	3
	Paragraph Head:	0%	0%	0%	3



14

	Previous Character	1 Starting parenthesis type	2 Ending parenthesis type	3 Character that cannot appear at the start of a line	4 Non- centered punctuation	5 Centered punctuation	6 Period
Next Character							
1	Starting parenthesis type					8	
2	Ending parenthesis type	3		2		8	
3	Character that cannot appear at the start of a line	1				8	
4	Non-centered punctuation	1				8	
5	Centered punctuation	8	8	8	8	8 8	8
6	Period	4		5	5	8	
7	Comma	6		7	7	7 8	
8	Repeating characters that cannot be broken across lines	1				8	
9	Preceding abbreviation code	1				8	
10	Following abbreviation code	1				8	
11	Full-width ideographic spaces					8	
12	Hiragana	1				8	
13	Japanese character other than those listed above	1				8	
14	Full-width numeral	1				8	
15	Half-width numeral	1				8	
16	Half-width Roman text	1				8	
17	Start of line	12					
18	Start of paragraph	10					

FIG.\_8A









		Text Composition Spacing Amount Setting File Name
Default Settings	1	Set punctutation half-width at line end
	2	Set close paren / quote half-width at line end, paragraph indentation 1 em (set opening paren / quote full-width)
	3	Set close paren / quote half-width at line end, paragraph indentation 1 em (set opening paren / quote half-width)
	4	Set punctutation full-width, paragraph indentation 1 em
	5	Set punctuation full-width, paragraph indentation 1 em (set opening paren / quote full-width)
	6	Set punctuation full-width / half-width at line end, paragraph indentation 1 em
	7	Set punctuation full-width / half-width at line end, paragraph indentation 1 em (set opening paren / quote full-width)
	8	Set punctuation full-width / half-width at line end, paragraph indentation 1 em (set opening paren / quote half-width)
	9	Set punctuation half-width at line end, paragraph indentation 1 em
	10	Set punctutation full-width
	11	Set close paren / quote full-width / half width at line end
	12	Set period full-width at line end, paragraph indentation 1 em
	13	Set period full-width at line end, paragraph indentation 1 em (set opening paren / quote full-width)
	14	Set period full-width at line end
Individual Settings	15	
	16	
	17	
	18	
	19	
	20	

**FIG. 9**





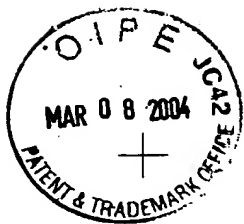
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	Previous Character	1 Starting parenthesis type	2 Ending parenthesis type	3 Character that cannot appear at the start of a line	4 Non- centered punctuation	5 Centered punctuation	6 Period
Next Character							
1	Starting parenthesis type						
2	Ending parenthesis type						
3	Character that cannot appear at the start of a line						
4	Non-centered punctuation						
5	Centered punctuation						
6	Period						
7	Comma						
8	Repeating characters that cannot be broken across lines						
9	Preceding abbreviation code						
10	Following abbreviation code						
11	Full-width ideographic spaces						
12	Hiragana						
13	Japanese character other than those listed above						
14	Full-width numeral						
15	Half-width numeral						
16	Half-width Roman text						
17	Start of line						
18	Start of paragraph						

Optimum	Minimum	Maximum	Priority
50%	0%	50%	3

FIG.\_ 10A





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FIG. 11

Character Spacing Settings

Character Composition: Line end punctuation half-width

Previous character class : Starting parenthesis type

Examples of Character Classes:

Types	Ending Character Class	Desired	Minimum	Maximum	Priority
→ [ ]	Starting Parentheses:	0%	0%	0%	3
→ [ ]	Ending Parentheses:	0%	0%	0%	3
→ [ ]	Line Head Japanese Word-wrapping:	0%	0%	0%	None
→ [ ]	Ending Punctuation Marks:	0%	0%	0%	None
→ [ ]	Conjunctive Dots:	25%	0%	25%	1
→ [ ]	Commas:	0%	0%	0%	None
→ [ ]	Period:	0%	0%	0%	2
→ [ ]	Ellipses:	0%	0%	100%	None
→ [ ]	Previous Abbreviated Symbols:	0%	0%	100%	None
→ [ ]	Subsequent Abbreviated Symbols:	0%	0%	100%	None
→ [ ]	Ideaographic Spaces:	0%	0%	0%	None
→ [ ]	Hiragana:	0%	0%	100%	None
→ [ ]	Other Ideographs:	0%	0%	100%	None
→ [ ]	Full-width Digits:	0%	0%	100%	None
→ [ ]	Half-width Digits:	0%	0%	0%	None
→ [ ]	Western Alphabet:	0%	0%	0%	None
→ [ ]	Line End:	0%	0%	0%	None
→ [ ]	Paragraph Head:	0%	0%	0%	None

OK

Cancel

New

Save

Delete

Basic Settings



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FIG. 12

Character Spacing Settings

Character Composition:

Line end punctuation half-width

Following character class

Starting parenthesis type

%

OK

Cancel

New

Save

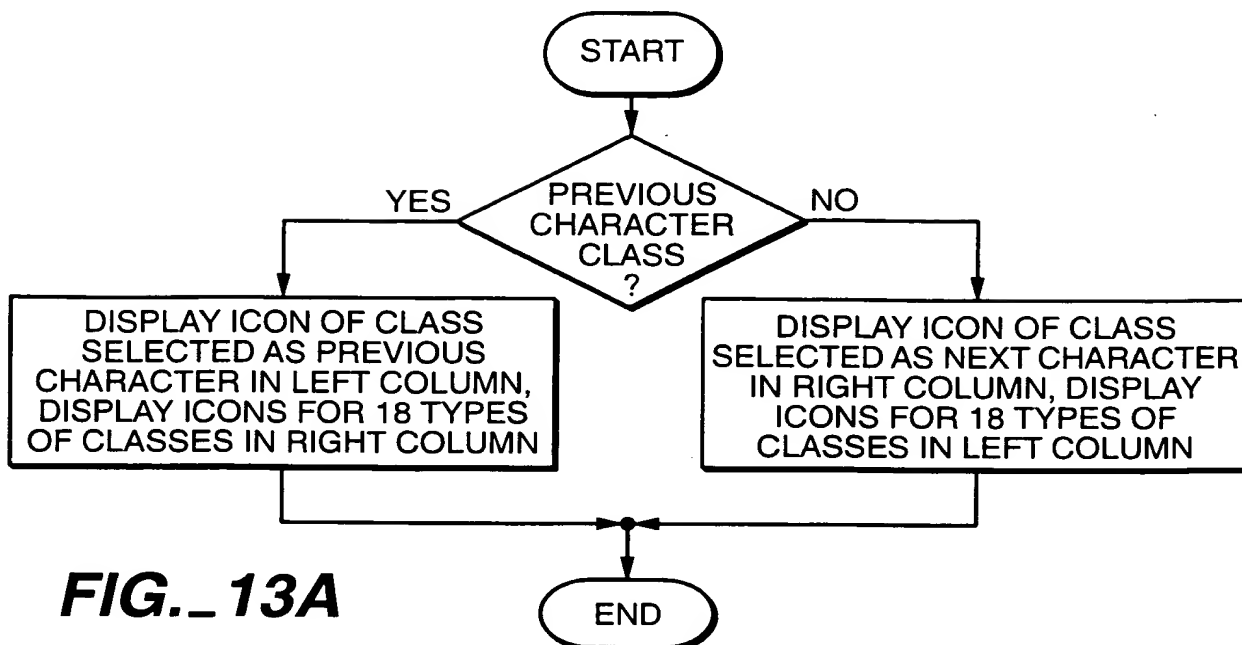
Delete

Basic Settings

Types	Ending Character Class	Desired	Minimum	Maximum	Priority
↑	Starting Parentheses:	0%	0%	0%	None
↑	Ending Parentheses:	0%	0%	0%	3
↑	Line Head Japanese Word-wrapping:	0%	0%	0%	3
↑	Ending Punctuation Marks:	0%	0%	0%	3
↑	Conjunctive Dots:	25%	0%	25%	1
↑	Commas:	0%	0%	0%	None
↑	Period:	0%	0%	0%	2
↑	Ellipses:	0%	0%	100%	3
↑	Previous Abbreviated Symbols:	0%	0%	100%	3
↑	Subsequent Abbreviated Symbols:	0%	0%	1050%	3
↑	Ideaographic Spaces:	0%	0%	0%	None
↑	Hiragana:	0%	0%	100%	3
↑	Other Ideographs:	0%	0%	100%	3
↑	Full-width Digits:	0%	0%	100%	3
↑	Half-width Digits:	0%	0%	0%	3
↑	Western Alphabet:	0%	0%	0%	3
↑	Line End:	0%	0%	0%	None
↑	Paragraph Head:	0%	0%	0%	None



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**FIG.\_13B**

Class Icon Table	
Character Class	Icon
Starting parenthesis	[ ( ]
Ending parenthesis	[ ) ]
Character that cannot appear at the start of a line	[ 2 ]
Non-centered punctuation	[ ? ]
Centered punctuation	[ H ]
Period	[ . ]
Comma	[ , ]
Repeating characters that cannot be broken across lines	[ ... ]
Preceding abbreviation code	[ ¥ ]
Following abbreviation code	[ % ]
Full-width ideographic spaces	[   ]
Hiragana	[ あ ]
Japanese character other than above	[ 漢 ]
Full-width numeral	[ 8 ]
Half-width numeral	[ 8 ]
Half-width Roman text	[ A ]
End of line	[   ]
Start of paragraph	[ ¶ ]